

**SHARP**



**AQUOS** Spring 2010

**SHARP**



**FULL  
HD**  
**1080P**

## THE TRUE HD EXPERIENCE

Experience the brilliance of AQUOS® high definition. HDTV enters a whole new realm with Full HD 1080p AQUOS LCD Televisions by Sharp, a leader in this remarkable technology. Magnificent colour, stunning image clarity and visionary award-winning designs combine to bring phenomenally true-to-life detail to the screen in an exquisite package. Sleek and stylish AQUOS LCD TVs are inspired creations that deliver the thrill of experiencing out-of-this-world images

—on an in-home masterpiece.



**AQUOS®**

# AQUOS ADVANCED TECHNOLOGY

Great style and performance do not just happen. It takes a commitment to quality, an incredible team of professionals and a vision for innovation. Sharp, a global leader in LCD Televisions year after year, brings all this and more to our technology, continually raising the bar for outstanding quality and high performance.

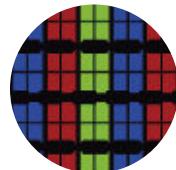


## Quattron

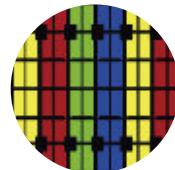
### JUST ADD YELLOW

Sharp's proprietary Quattron Technology\* adds yellow to the traditional RGB, enabling more than a Billion colours to be displayed for the first time on an LCD. This colour combination enables the reproduction of brilliant yellows, sparkling golds and vibrant cyan that conventional LCD displays simply cannot reproduce.

\*On select models.



Standard Pixels  
(Red, Green, Blue)

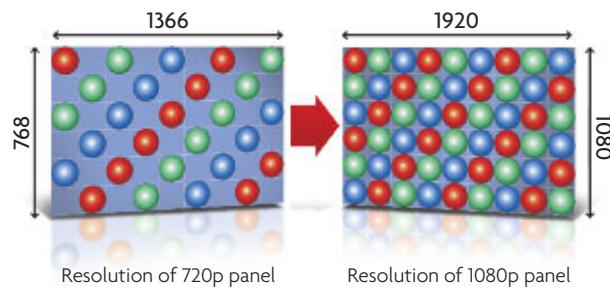


Quattron Technology  
(Red, Green, Blue, Yellow)



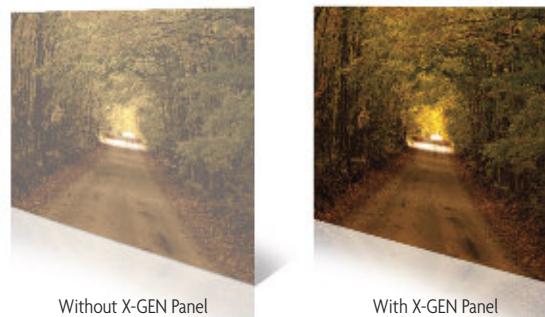
# AQUOS ADVANCED TECHNOLOGY

Great style and performance do not just happen. It takes a commitment to quality, an incredible team of professionals and a vision for innovation. Sharp, a global leader in LCD Televisions year after year, brings all this and more to our technology, continually raising the bar for outstanding quality and high performance.



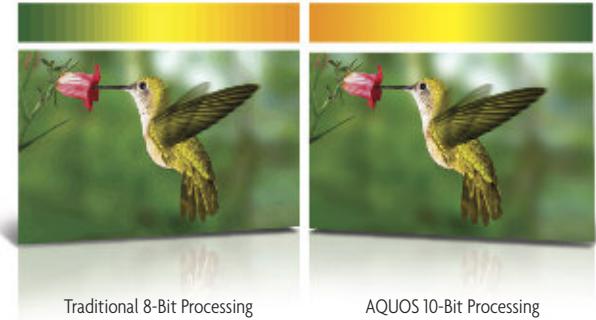
Resolution of 720p panel

Resolution of 1080p panel



Without X-GEN Panel

With X-GEN Panel



Traditional 8-Bit Processing  
(16.7 million colours)

AQUOS 10-Bit Processing  
(1.07 billion colours)



FULL HD 1080P\*

A full HD panel with 1920 x 1080 pixels delivers 100 percent of the high-definition signal, compared to a conventional HD (W-XGA) panel, which delivers 50 percent of the number of pixels. With 6.2 million dots, a full HD panel delivers high-resolution pictures with twice the precision—for more detailed, more beautiful images. Full high-definition is the clear solution for the HD era.

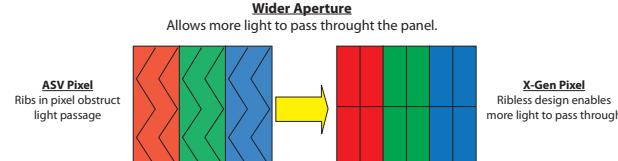
\*On select models



X-GEN PANEL

Sharp's proprietary Japanese made X-Gen Panel was designed to deliver a dramatically brighter and crisper picture by utilizing both significantly increased pixel control and aperture. Using newly developed alignment layers and a patented liquid crystal formula, Sharp's X-Gen panel completely blocks excess light leakage when the pixels are closed to produce the darkest blacks available today. With a much wider aperture than previous LCD panels, Sharp's new patented "rib-less" sub-pixel design also transmits up to 30% more light through the panel than ever before, providing some of the brightest whites possible. These features combine to make the Japanese made X-Gen panel the most advanced LCD panel available today.

\*On select models



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10-BIT PROCESSING\*

Sharp's professional-class 10-bit LCD processing delivers far more than just 64 times the level of colour expression than an 8-bit processor. Enjoy vastly improved natural colour reproduction and more vibrant hues, with vivid reds, clear blues, and lush, lifelike greens. Sharp's 10-bit processing displays over 1.07 billion colours for a wider colour spectrum with smoother transitions between adjacent colour gradations, painting an eye-pleasing radiant canvas for a more lifelike video entertainment experience.

\*On select models

# AQUOS ADVANCED TECHNOLOGY



Available on select models, AQUOS Net is a revolutionary service that will provide customized Web-based content as well as real-time customer support directly on the AQUOS television.

## CONNECT

Check local weather reports, time, calendar and the AQUOS Image Gallery displayed alongside your favourite TV programs with Sharp's new AQUOS Net service. Connecting selected AQUOS LCD TVs through a built-in Ethernet networking port, AQUOS Net is a special Internet gateway delivering customized Internet content and unique services directly to your television for onscreen viewing. Easily-configured "widgets" instantly deliver customized content in pop-up windows with a touch of a button on your TV remote control.

## SUPPORT

Through AQUOS Net, you will also have access to unparalleled customer support for your television. AQUOS Advantage Live is a new interactive tool that enables online Sharp technical support advisors to remotely connect to your AQUOS LCD TV\*, and assist in adjusting your TV's settings and optimizing picture quality for the best viewing experience.

## LEARN

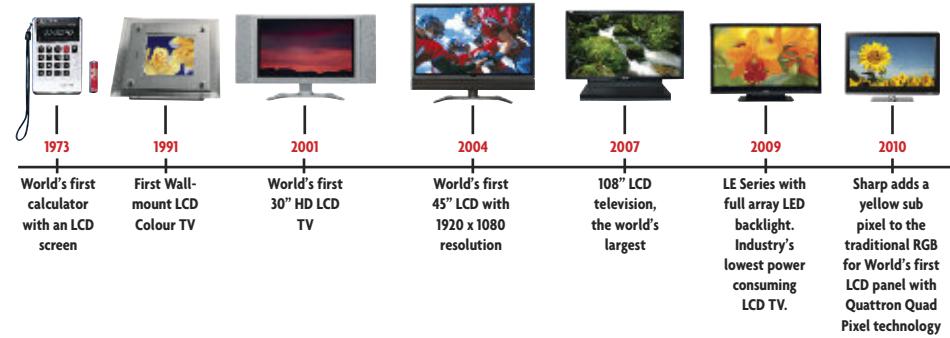
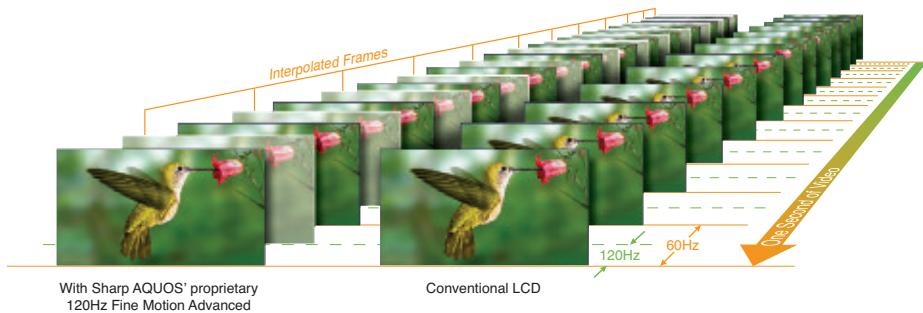
In addition, AQUOS Net provides consumers with instant access to important information about their television. Consumers can find FAQs that explain HDMI™ connections, HDTV and other TV technology-related features, as well as view the user manual directly on the AQUOS LCD TV\*.

\*On select models



**SHARP**

# AQUOS ADVANCED TECHNOLOGY



## 120Hz FINE MOTION ADVANCED TECHNOLOGY\*

Most televisions display one image frame every 1/60th of a second, but with Sharp's proprietary 120Hz Fine Motion Advanced, one image frame is displayed every 1/120th of a second. Using interpolation techniques, Sharp's advanced image processor creates additional frames to smooth the transition between each frame of video. The result: sharp images and smooth motion during action scenes for a superior film-like entertainment experience.

\*On select models

## LCD EXPERTISE

With over 35 years of LCD research and development, Sharp is committed to the advancement of LCD technology. In 2001, Sharp unveiled AQUOS, Canada's first LCD flat panel television, a television that combined ground-breaking and space-saving design with superior picture quality and low power consumption. As the leader in LCD television, Sharp has continually led the industry with technological innovations and improvements to push boundaries and heighten the experience of the television viewer.

**SHARP**

**AQUOS**

# AQUOS ENVIRONMENTAL AWARENESS



## THE MOST ADVANCED TECHNOLOGY TO MINIMIZE ENVIRONMENTAL IMPACT.

Sharp is working to create a green low carbon society by being an eco-positive manufacturer. We are proud to have achieved a core environmental vision, becoming a company that supplies energy-creating and energy-saving products, whose usage significantly reduces more greenhouse gases than the company's worldwide activities produce.

A key to this eco-positive strategy includes the announcement and operation of our latest ultra modern, super green manufacturing facility which is the first in the world to employ 10th<sup>1</sup> generation glass substrates for LCD TVs.

<sup>1</sup>Glass substrate size: 2.88m x 3.13m.

<sup>2</sup>40" equivalent.

Located just outside of Osaka Japan, the Sakai complex is capable of providing the world with over 13 million<sup>2</sup> large screen LCD TV panels annually.

This technological marvel will bring the world two environmentally friendly products: energy saving LCD panels and energy creating solar panels. The Sakai faculty employs our Think Green strategies and is a driving force behind Sharp's continued effort to realize a greener society through the manufacturing of technologically advanced environmentally friendly products.

With Sharp, the evolution of LCD TV continues...

**SHARP**

**AQUOS®**

# TELEVISION LINE-UP OVERVIEW



LE820 Series 60" 52" 46" & 40"



LE810 Series 60" 52" 46" & 40"



LE700 Series 52" 46" 40" & 32"



E77 Series 60"



E88 Series 60"



SB27 Series 22" & 19"



DV27 Series 22" & 19"

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YOU HAVE TO SEE IT,  
TO SEE IT



## THE LE820 SERIES



Offering additional large-screen AQUOS LED LCD TV options, the LE820 Series is available in 60-, 52-, 46- and 40-inch screen class sizes. These models combine Sharp's X-Gen LCD panel with an UltraBrilliant edge-lit LED backlight and feature Quattron quad pixel Technology. Sharp's proprietary Fine Motion Enhanced technology is included for 120Hz Frame Rate Conversion, as well as fast response time (4 ms). The LE820 Series also features the elegant and modern full-front panel glass design.

- Quattron quad pixel Technology
- Wide Viewing Angles (176°H x 176°W)
- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant LED System
- High Brightness (450 cd/m<sup>2</sup>)
- X-Gen LCD Panel
- AQUOS Net™ with Netflix®
- 5,000,000:1 Dynamic Contrast Ratio
- USB Media Player



40" screen size shown.

**AQUOS**

**SHARP**

JUST ADD YELLOW.



Also featuring Quattron quad pixel Technology, the LE810 Series is available in 60-, 52-, 46- and 40-inch screen class sizes. The LE810 Series features Sharp's X-Gen LCD panel with an UltraBrilliant edge-lit LED backlight. For ultra-smooth fast motion, Sharp's proprietary Fine Motion Enhanced technology is included for 120Hz Frame Rate Conversion, as well as fast response time (4 ms).

- Quattron quad pixel Technology
- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant LED System
- X-Gen LCD Panel
- 4,000,000:1 Dynamic Contrast Ratio
- Quattron quad pixel Technology
- Wide Viewing Angles (176°H x 176°W)
- High Brightness (450 cd/m<sup>2</sup>)
- AQUOS Net™ with Netflix®
- USB Media Player



THE LE810 SERIES



**AQUOS®** **LED**  
THE EVOLUTION OF LCD TV CONTINUES.

52" screen size shown.  
Also available in 46" and 40".

**SHARP**

MEET OUR HOTTEST NEW  
LED BACKLIT HDTVs



LE700 SERIES



Sharp combines its legendary AQUOS® LCD panel technology with a proprietary UltraBrilliant Full Array LED backlight system to create picture quality that is second to none. Available in four screen sizes, the LE700 Series again illustrates Sharp's LCD technology leadership while also demonstrating its LED engineering advantages.

- Full HD 1080p (1920 x 1080) Resolution
- UltraBrilliant LED System
- X-Gen LCD Panel
- More than 2,000,000:1 Dynamic Contrast Ratio
- Wide Viewing Angles (176°H x 176°W)
- AQUOS Link™
- Hyper Drive
- High Brightness
- AQUOS Net™ (Except on LC-32LE700UN)
- USB Photo Viewer/Slideshow and MP3 Playback\*
- 4 HDMI® Inputs

\*Except on LC-32LE700UN



52" screen size shown.  
Also available in 46", 40" and 32".

**AQUOS®** **LED**  
THE EVOLUTION OF LCD TV CONTINUES.

# SHARP

PRECISION COMES ALIVE.  
BEAUTIFULLY.



The E77 Series uses a Full HD 1080p ASV Superlucent panel along with other new features such as AQUOS® Pure Mode for brilliant colour and an improved 120Hz Motion Enhanced Mode. The 4ms response time provides a brilliant picture even in the most extreme, fast action scenes. Also, multiple HDMI™ inputs provide all the connection options that you'll need.

- Space saving Slim-Line Design
- Full HD 1080p (1920 x 1080) Resolution
- 10-bit ASV LCD Panel
- Built-in ATSC / QAM / NTSC Tuners
- 120Hz Fine Motion Enhanced
- Spectral Contrast Engine XD
- Active Colour
- 4ms Response Time
- High Brightness (450 cd/m<sup>2</sup>)
- Four HDMI™ Inputs\* (Ver.1.3 with Deep Colour)
- AQUOS LINK™
- 60,000-hour lamp life
- PC and RS-232C inputs



**AQUOS**

60" screen size shown.



## THE 60" E77 SERIES



# SHARP

PRECISION COMES ALIVE.  
BEAUTIFULLY.



The LC-60E88UN uses a Full HD 1080p X-Gen panel with true 240Hz Fine Motion Advanced along with other features such as AQUOS® Pure Mode for brilliant colour. The 4ms response time provides a brilliant picture even in the most extreme, fast action scenes. Also, multiple HDMI® inputs provide all the connection options that you'll need.

- Full HD 1080p (1920 x 1080) Resolution
- X-Gen Panel with 10-bit BDE
- 240Hz Fine Motion Advanced
- Active Colour and Contrast
- 4ms Response Time
- Wide Viewing Angles (176°H x 176°W)
- Vyper Drive
- AQUOS LINK™
- High Brightness
- 4 HDMI® Inputs
- Built-in ATSC / QAM / NTSC Tuners
- Six 1080p Compatible Inputs
- OPC (Optical Picture Control)



**AQUOS®**

60" screen size shown.



## THE 60" E88 SERIES



**SHARP**

## HDTV & SMALL FOOT PRINT



Sharp's SB27 Series features widescreen HDTV LCD TVs that provides a slim design, high-definition TV solution with a distinctive small foot print. It features a high-performance LCD panel for high brightness, a high contrast ratio, low-reflection glare protection and wide viewing angles. In addition, the SB27 series is PC compatible and is an HDTV monitor for greater versatility. As an HDTV monitor, it is compatible with all 1080i and 720p signals from HDTV sources.

- True 16:9 aspect ratio (1366 x 768 pixels)
- Active Matrix TFT LCD panel
- Enhanced Picture Contrast Technology
- 6ms response time
- 170°H x 160°V viewing angles
- HDMI® input
- PC input
- Bottom-mounted speakers
- 50,000-hour lamp life
- Black cabinet



22" screen size shown.  
Also available in 19".



## THE SB27U SERIES



# SHARP

## FULL HD VALUE



The DV27 series provides a convenient built-in DVD television solution with a distinctive design. The DV27 features a side-loading progressive scan DVD player, a high-performance LCD panel for high brightness, a high contrast ratio, low-reflection glare protection and wide viewing angles.

- True 16:9 aspect ratio (1366 x 768 pixels)
- Built-in side-loading progressive scan DVD player
- High Contrast Ratio
- 5ms response time
- 170°H x 160°V viewing angles
- HDMI® input
- PC input
- Bottom-mounted speakers
- 50,000-hour lamp life
- Black cabinet



22" screen size shown.  
Also available in 19".



## THE DV27 SERIES



**SHARP**

## HIGH DEFINITION PLAYBACK



This SharpVision® 1080p high definition DLP® front projector represents an outstanding value in home theater. Utilizing a DLP chip, 1920 x 1080 technology from Texas Instruments and Sharp's advanced proprietary technologies the XV-Z15000 boasts an outstanding 30,000:1 contrast ratio and a high brightness 1600 ANSI lumens rating, delivering one of the best pictures available in consumer home theatre projectors today.



## XV-Z15000



- Full HD 1080p High Definition Capability
- DLP® technology
- High Contrast Ratio 30,000:1 (In High Contrast Mode)
- 1600 ANSI Lumens (In High Brightness Mode)
- 6 Segment 5-speed Colour Wheel
- Vyper Drive Game Mode
- Automatic Iris Switchover Function
- 23dB Whisper quiet operation
- HDMI™ Digital Interface 1.3
- Integrated Lens Cover
- Integrated Carrying Handle
- Keystone Correction
- An Auto V-Keystone Correction

**SHARPVISION**

**FULL HD 1080P**

**VYPER  
DRIVE**

**AQUOS**

# AQUOS LED

## LE820 Series



# AQUOS LED

## LE810 Series



### SPECIFICATIONS

Model Number	LC-60LE820UN	LC-52LE820UN	LC-46LE820UN	LC-40LE820UN	LC-60LE810UN	LC-52LE810UN	LC-46LE810UN	LC-40LE810UN
Screen Size <sup>†</sup>	60"	52"	46"	40"	60"	52"	46"	40"
Quattron quad pixel Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel
Resolution/Format	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Hyper Drive Game Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AQUOS Net	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)	Yes (with Netflix)
Refresh Rate	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz	120Hz
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Dynamic Contrast Ratio	5,000,000:1	5,000,000:1	5,000,000:1	5,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1	4,000,000:1
Backlight	Edge LED	Edge LED	Edge LED	Edge LED	Edge LED	Edge LED	Edge LED	Edge LED
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Response Time	4ms	4ms	4ms	4ms	4ms	4ms	4ms	4ms
Audio Output	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)	10W +10W +15W (Subwoofer)
OPC (Optical Picture Control)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified <sup>†</sup>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AQUOS Advantage Live	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Terminals								
HDMI In	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)
Ethernet	1	1	1	1	1	1	1	1
USB Input	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC Input	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1	15-pin D-Sub x 1
HD Component In	1	1	1	1	1	1	1	1
S-Video In	1	1	1	1	1	1	1	1
Composite Video In	1	1	1	1	1	1	1	1
Audio L/R In	2	2	2	2	2	2	2	2
RF Input	1	1	1	1	1	1	1	1
RS-232C	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1	9-pin x 1
Digital Audio Out	1	1	1	1	1	1	1	1
Power Source AC Input	120V	120V	120V	120V	120V	120V	120V	120V
Power Consumption	230W	170W	160W	140W	230W	170W	160W	140W
Cabinet Colour	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black
Dimensions (mm)	with stand/with speakers 1439 x 975 x 368	1260 x 861 x 340	1127 x 785 x 340	993 x 707 x 275	1438 x 974 x 368	1259 x 861 x 340	1125 x 784 x 340	992 x 706 x 275
(W x H x D)	without stand/with speakers 1439 x 913 x 40	1260 x 811 x 39	1127 x 734 x 39	993 x 659 x 39	1438 x 912 x 40	1259 x 810 x 40	1125 x 733 x 40	992 x 658 x 40
Net Weight (kg)	with stand/with speakers 51	35	30	23.5	43.5	30	26	19.5
	without stand/with speakers 40.5	30	24.5	43	32.5	24.5	20.5	16

<sup>†</sup>With Power Saving Mode on.

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Design and specifications subject to change without notice E&OE.



FULL HD 1080P  
(1920 x 1080) RESOLUTION\*



RESPONSE TIME  
4 msec

RESPONSE TIME

Displays HDTV program images in 1080p and is compatible with off-air (terrestrial), cable and satellite HDTV broadcasts.



SPECTRAL  
CONTRAST  
ENGINE

DYNAMIC CONTRAST RATIO

Provides incredible images whether you're watching dark or bright scenes.



HIGH BRIGHTNESS (450 CD/M<sup>2</sup>)

AQUOS Liquid Crystal Televisions are incredibly bright. You can put them anywhere — even near windows, doors or other light sources — and the picture will still be vivid.



WIDE VIEWING ANGLES  
(176° H / 176° V)

The ultra-wide viewing angles allow you to view the TV clearly from virtually anywhere in the room!



AQUOS.net  
AQUOS.NET

AQUOS.net delivers customized Internet content and live customer support via Ethernet, viewable in full-screen, split screen or sidebar format.



AQUOS  
LINK

AQUOS LINK™

Seamless Operation among Sharp Audio Video Products with one Remote Control.



10 bit  
processing

10-BIT PROCESSING\*

With over 1.07 billion colours, 10-Bit processing provides a wider colour spectrum with more precise gradation than ever before.



Fine Motion Enhanced  
120Hz  
Frame Rate Conversion

120 HZ FRAME RATE\*

120 Hz technology delivers smoother video and superior fast-motion picture quality for a superior film-like entertainment experience.



PC INPUT\*

Connect your television to your PC and use it as a PC monitor.

# AQUOS LED

## LE700 Series



# AQUOS

## E77 Series



## E88 Series

### SPECIFICATIONS

Model Number	LC52LE700UN	LC46LE700UN	LC40LE700UN	LC32LE700UN	LC60E77U	LC60E88UN
Screen Size <sup>a1</sup>	52"	46"	40"	32"	60"	60"
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV	HDTV	HDTV
LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	X Gen LCD Panel	10-Bit ASV/Black TFT	X Gen LCD Panel
Number of Pixels (dots)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Luminance (cd/m <sup>2</sup> )	550	550	550	550	450	450
Fine Motion Advanced	120Hz	120Hz	120Hz	120Hz	120Hz	240Hz
Spectral Contrast Engine <sup>a2</sup>	MC	MC	MC	MC	Extreme Dark	100,000:1
Viewing Angles (H x V)	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°	176° x 176°
Backlight	Full array LED	Full array LED	Full array LED	Full array LED	CCFL	CCFL
Lamp Life <sup>a3</sup> (Hours)	100,000	100,000	100,000	100,000	60,000	60,000
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Quick Shoot Response Time	4ms	4ms	4ms	4ms	4ms	4ms
Audio Output	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W
OPC (Optical Picture Control)	X	X	X	X	X	X
AQUOS Net	X	X	X	—	—	—
AQUOS Advantage Live	X	X	X	—	—	—
<b>Terminals</b>						
HDMI <sup>®</sup> In	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)	4 (1080p compatible)
RGB 15-Pin Input	1	1	1	1	1	1
HD Component In	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)	2 (1080p compatible)
S-Video In	1	1	1	1	1	0
Composite Video In	2	2	2	2	2	2
Audio L/R In	4	4	4	4	4	2
RF	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)
RS-232C	1	1	1	1	1	1
Ethernet RJ-45	X	X	X	—	—	0
Digital Audio Out	1	1	1	1	1	1
Power Source AC Input	120V	120V	120V	120V	120V	120V
Power Consumption	250W	200W	160W	130W	TBD	390W
Cabinet Colour	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black	High Gloss Black with Gold	Black
Dimensions (mm)	with stand/with speakers	123 x 820 x 354	1099 x 743 x 354	964 x 667 x 314	767 x 554 x 275	1438 x 948 x 438
(W x H x D)	without stand/with speakers	1238 x 765 x 95	1099 x 688 x 94	964 x 612 x 94	767 x 502 x 91	1438 x 893 x 114
Net Weight (kg)	with stand/with speakers	25.25	21	15	13.5	44.5
	without stand/with speakers	22.5	18	12	10.5	42
					38	37

<sup>a1</sup> With Enhanced Picture Contrast Technology

<sup>a2</sup> Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77°F

<sup>a3</sup> With Fine Motion On

Screen images in this brochure are simulated.

Design and specifications subject to change without notice E&OE.



FULL HD SPEC 1080P  
(1920 x 1080) RESOLUTION<sup>®</sup>

Displays HDTV program images in full HD and is compatible with off-air (terrestrial), cable and satellite HDTV broadcasts.



RESPONSE TIME

4 msec

RESPONSE TIME

Sharp's proprietary video circuit enables an unparalleled response time as low as 4 ms, ensuring crisp images for fast action videos.



MC SPECTRAL CONTRAST ENGINE

DYNAMIC CONTRAST RATIO

Provides incredible images whether you're watching dark or bright scenes.



HIGH BRIGHTNESS (450 cd/m<sup>2</sup>)

AQUOS Liquid Crystal Televisions are incredibly bright. You can put them anywhere – even near windows, doors or other light sources – and the picture will still be vivid.



176° ULTRA WIDE

WIDE VIEWING ANGLES (176° H / 176° V)

The ultra-wide viewing angles allow you to view the TV clearly from virtually anywhere in the room!



AQUOS<sup>®</sup> net

AQUOS.NET<sup>®</sup>

AQUOS.NET<sup>®</sup> delivers customized Internet content and live customer support via Ethernet, viewable in full-screen, split screen or sidebar format.



AQUOS<sup>®</sup> LINK

AQUOS LINK<sup>®</sup>

AQUOS LINK<sup>®</sup> allows seamless operation among Sharp Audio Video Products with one Remote Control.



10 bit processing<sup>®</sup>

10-BIT PROCESSING<sup>®</sup>

With over 1.07 billion colours, 10-Bit processing provides a wider colour spectrum with more precise gradation than ever before.



Fine Motion Enhanced

120Hz

Frame Rate Conversion

120 Hz technology delivers smoother video and superior fast-motion picture quality for a superior film-like entertainment experience.



PC INPUT<sup>®</sup>

Connect your television to your PC and use it as a PC monitor.

**SHARP****SB27 Series****SHARP****DV27 Series****SPECIFICATIONS**

Model Number	LC22SB27U	LC19SB27U	LC22DV27U	LC19DV27U
Screen Size <sup>*1</sup>	22"	19"	22"	19"
Aspect Ratio	16:9	16:9	16:9	16:9
DTV Capability	HDTV	HDTV	HDTV	HDTV
LCD Panel	Active matrix TFT LCD	Active matrix TFT LCD	Active matrix TFT LCD	Active matrix TFT LCD
Number of Pixels (dots)	1366 x 768	1366 x 768	1366 x 768	1366 x 768
Luminance (cd/m <sup>2</sup> )	400	400	400	250
Dynamic Contrast Ratio <sup>*2</sup>	Dark	Enhanced Picture Contrast	Dark	Dark
Viewing Angles (H x V)	170° x 160°	170° x 160°	170° x 160°	170° x 160°
Lamp Life <sup>*3</sup> (Hours)	50,000	50,000	50,000	40,000
Tuner Type	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Quick Shoot Response Time	8ms <sup>*4</sup>	8ms <sup>*4</sup>	5ms <sup>*4</sup>	8ms <sup>*4</sup>
Audio Output	1.5W + 1.5W	1.5W + 1.5W	1.5W + 1.5W	1.5W + 1.5W
OPC (Optical Picture Control)	X	—	X	X
AQUOS Link	X	—	X	X
<b>Terminals</b>				
HDMI <sup>™</sup> In	1	1	1	1
RGB 15-Pin Input	1	1	1	1
HD Component In	1 (1080p compatible)	1	1	1
S-Video In	1	1	1	1
Composite Video In	1	2	2	2
Audio L/R In	3	2	4	2
RF	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)	1 (analog/digital)
RS-232C	—	—	1	—
Digital Audio Out	1	1	1	1
Power Source AC Input	120V	120V	120V	120V
Power Consumption	42W	29W	51W	38W
Cabinet Colour	Black	Black	Black	Black
Dimensions (mm)	with stand/with speakers	537 x 396 x 201	472 x 361 x 201	537 x 396 x 201
(W x H x D)	without stand/with speakers	—	—	537 x 367 x 67
Net Weight (kg)	with stand/with speakers	4.7	4.4	5
	without stand/with speakers	—	—	4.5

<sup>\*1</sup> Actual screen sizes measured diagonally: 65" SE94 (64<sup>1</sup>/<sub>2</sub>"/64), 65" (64 17/32"), 52" (52 1/32"), 46" (46"), 42" (42 1/64"), 37" (37 1/64"), 32" (31 1/2"), 26" (25 33/64").<sup>\*2</sup> With Enhanced Picture Contrast Technology<sup>\*3</sup> Typical time for power output decrease of about one half, assuming continuous use with brightness or dimming in standard mode and with a room temperature of 77° F.<sup>\*4</sup> With Fine Motion On

Screen images in this brochure are simulated.

Design and specifications subject to change without notice E&amp;OE.



Models	XV-Z15000
HDTV Compatible	1080p, 1080i, 1035i, 720p, 576p, 576i, 540p, 480p 480i
Aspect Ratio	4:3 / 16:9
Resolution	1920 x 1080
Brightness	1600 ANSI Lumens (in High Brightness Mode)
Contrast Ratio	30,000:1 (in High Contrast Mode)
Maximum Screen Size	300" (Diagonally Measured Using 16:9 Aspect Ratio)
Projection Distance	100" Screen Throw Distance 10' 4" - 11' 11"
Throw Ratio	1.41 - 1.63
Display Method	DLP <sup>®</sup> chip from Texas Instruments
<b>Inputs</b>	
2 HDMI <sup>™</sup> Ver. 1.3 (CEC Control)	
1 Component (3 RCRCA)	
1 RGB (D-Sub)	
1 Composite Video (RCRCA)	
1 S-Video (4-Pin DIN)	
1 RS-232C Serial Port (9-Pin D-Sub)	
3D Y/C Digital Comb Filter	No
Film Mode	Yes, 24 Hz Progressive Format <sup>*1</sup>
Computer Compatibility	Yes: VGA, SVGA, XGA, WXGA, SXGA, SXGA+, WSXGA
Digital Keystone	Auto: Vertical, Manual: Vertical and Horizontal
Video System	NTSC / NTSC4.43 / PAL / PAL (60 Hz) / PAL-M / PAL-N / SECAM
Lens Type	1.15X Manual Zoom and Focus
Projection Lamp Type / Life	250W SHP / up to 3000 hours (in Eco mode)
Fan Noise	23dB (Eco+Quiet mode)
Gamma Correction	Yes
Colour Temperature Adjustment	Yes
Detachable AC Cord	Yes
Wireless Remote Control	Yes
Power Source	100-240V AC, 50/60Hz (Multi-Voltage)
Power Consumption	339W (8.3W) - 240V / 353W (7.6W) - 100V
Dimensions (w x h x d) (mm)	400 x 100 x 335
Weight ( in kgs)	5.8
Limited Warranty <sup>*2</sup>	1 year parts and labour

<sup>\*1</sup> When a 1920 x 1080 signal is input the image is compressed before it is displayed on screen.<sup>\*2</sup> See warranty statement included in the product operation manual or available as a PDF download at [www.sharp.ca](http://www.sharp.ca)  
Product specifications and design are subject to change without notice.



## SHARP. FIRST AND FOREMOST.

It's no wonder that Sharp continually sharpens its pencil to create new ideas for its product lines. Perhaps as a precursor of future innovations, in 1915, Sharp's founder invented the "Sharp pencil," a mechanical pencil from which the Sharp Corporation derived its name. Sharp lives up to that name with its imaginative, ever-evolving technological creations. Among the many other firsts in Sharp's growing list: In 1931, as radio was gaining popularity around the world, Sharp had already begun research into television, releasing the first Japanese television in 1953. Sharp's exclusive bright colors and high-quality images hit the screen in 1987 in the first 3-inch colour LCD television. Just four years later, Sharp released the world's first wall-hanging TV, beginning the era of large-screen LCD televisions. This led to its 20-inch LCD television—the industry's largest—in 1999. Sharp ushered in 2001 in a big way with its introduction of the AQUOS brand of LCD TVs on New Year's Day, and in 2007, Sharp introduced the world's largest LCD TV, at 108-inches. Each subsequent year brings exciting new advancements and original designs. AQUOS.

# SHARP



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